

Argus Worker 3000msw system



Work Class ROV. 150 HP
3000 meters depth rated, Optional <7000m
7 function Schilling Titan 4 Manipulator
Schilling Rigmaster or Atlas Manipulator
Through frame lifting capacity of 3.0 Te
For Drillsupport, IMR, Survey, Construction support

Argus Worker 3000msw system

TECHNICAL SPECIFICATIONS

General

Dimensions:	
Length	:2,5m
Width	:1,6m
Height	:1,7m
Weight	:3000kg
Payload	:250kg
Frame	:Aluminum or Buoyancy covered with fiberglass
Pods	:Hard anodised Aluminum or Titanium
Buoyancy	:Syntactic foam
Depth rating	:3000msw, optional <6000m
Through frame lift	:3 ton

Power requirements

ROV/HPU Power input	:440VAC , 120kW , 3-phase
Thrusters	:8 x electric, 4 Horizontal and 4 vertical
HPU Manipulators	:6kW, 210bar-15lpm
HPU Tooling	:18kW, 210bar/40lpm or 45kW , 250bar/120lpm

Performance

Bollard pull fwd	:590kg
lat	:540kg
vert	:750kg
Speed fwd	:3kn
Speed Lat	:2kn
vert	:2kn

No drop in performance when using vertical and horizontal thrusters simultaneously, as opposed to hydraulic subs.

Surface controls

Control Container	:20" feet container
Power distribution panel	:Fitted Megacon GDI for Power safety
Control Console	:Integrated joysticks in pilot chair Integrated touch screen 19" inch rack Video overlay HD Hard Disk Recorder 2 x ergonomic pilot chairs
Workshop Container	:20" feet container



Standard equipment fit

Manipulators	:1x5 function Schilling Rigmaster or Atlas 1x7 function Schilling T4
Cameras	:1 x F/Z HDTV 1080p camera 1 x Lowlight Black & White camera 2 x Utility cameras
Sonar	: Mesotech MS1000 or Tritech
Altimeter	: Mesotech 1007 or Tritech
Lights	: 6 x 130W LED Lights, gives 90 000 lumen, 6500 Kelvin in total
Pan & Tilt	: 2 x 24VDC
Depth sensor	: SAIV TD303, equal to digiquartz
Compass	: KVH C-100 Fluxgate Argus Rate Gyro North seeking Gyro
Auto functions	: Auto Head Auto Depth Auto Altitude Station keep option
Hyd outlets	: 8 outlets fitted, additional on request
Survey sensors	: 9 x survey outlets fitted for RS-232, 4 x Ethernet ch additional on request

Video recording equipment

HDTV Video system transmitting HD-SDI from the camera to the surface. HD Video overlay and a HD Video Recorder.

LARS/Winch

Standard LARS systems for 3000m depth

LARS is available with or without AHC

TMS is available with 600m tether

Free flying systems available up to 7000m depth

